User - Relationship Diagram
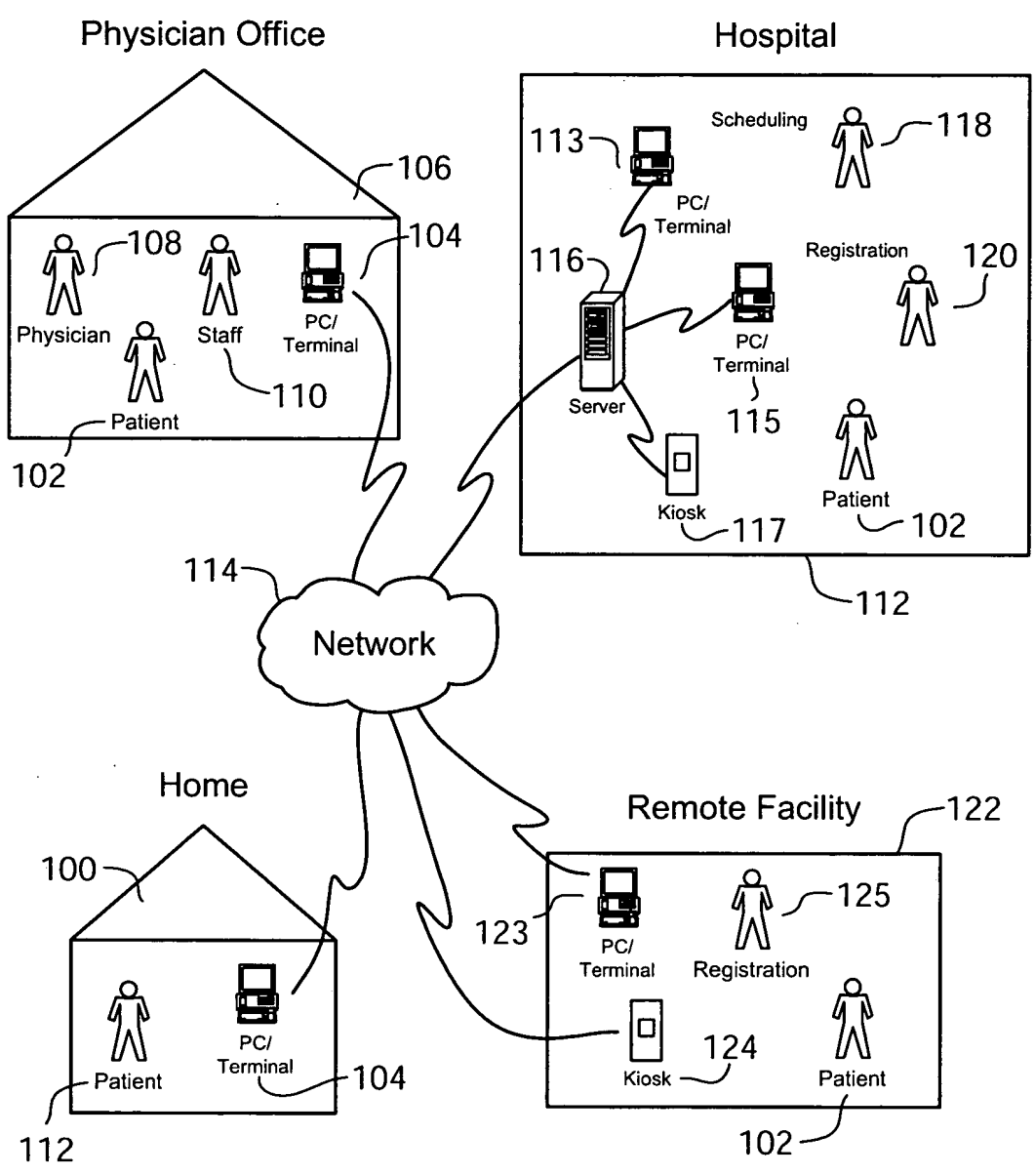

FIG. 1

System Architecture
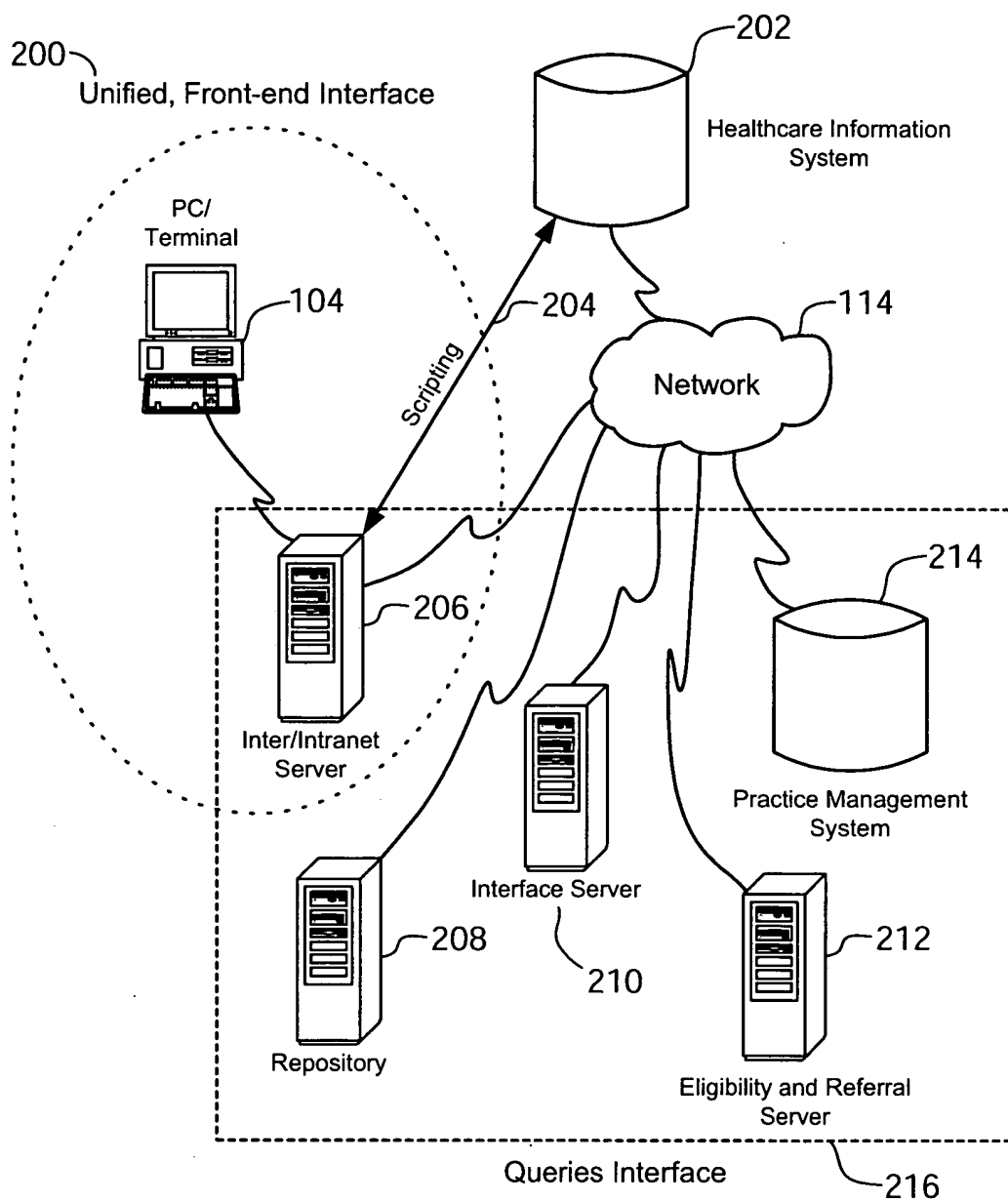

200
Unified, Front-end Interface

202

PC/
Terminal

Healthcare Information
System

104

204

114

Scripting

Network

206

214

Inter/Intranet
Server

Interface Server

Practice Management
System

208

210

212

Repository

Eligibility and Referral
Server

Queries Interface

216

FIG. 2

Context Diagram
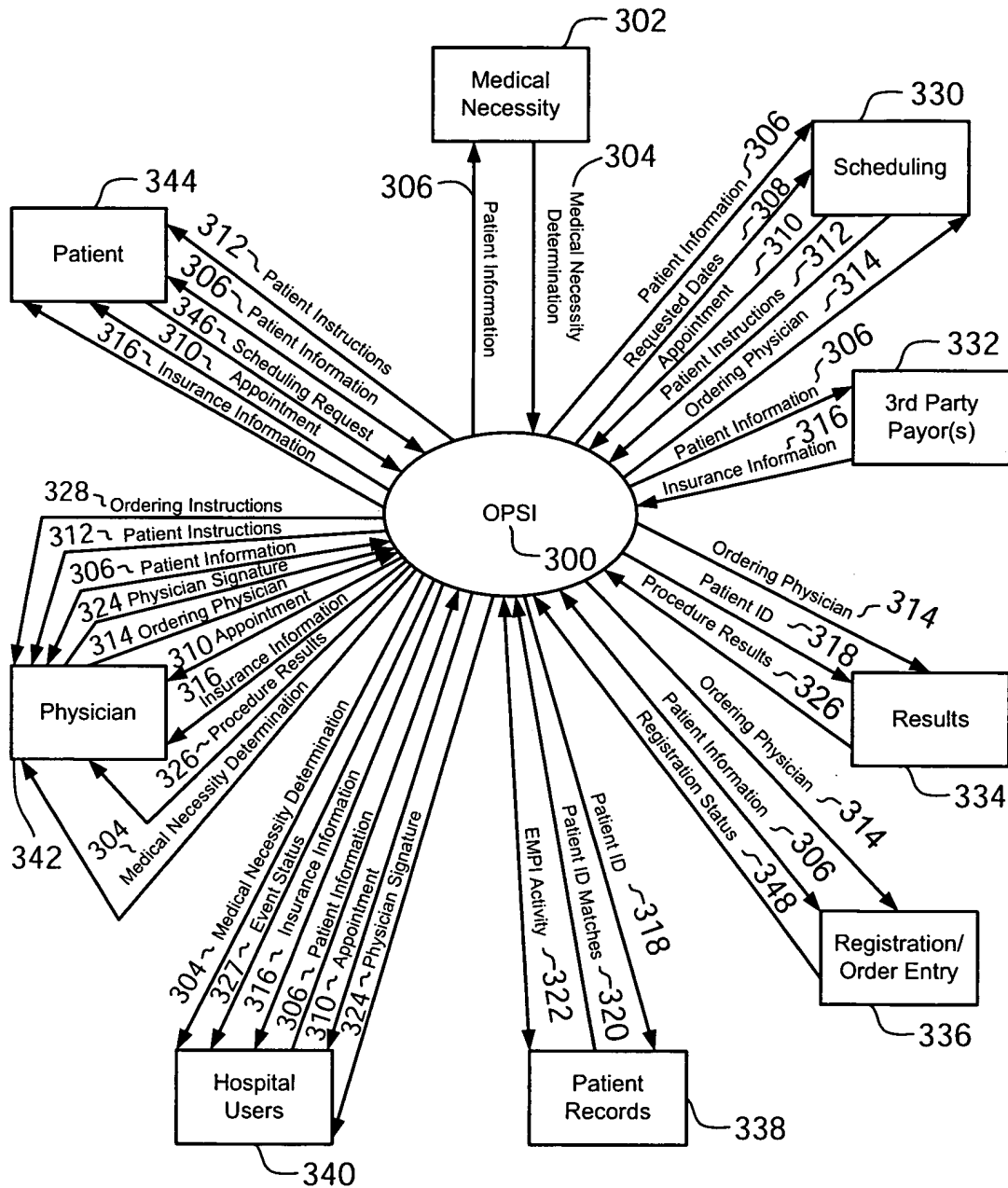
FIG. 3

Medical Necessity Testing

FIG. 4

500 Start

502 User enters Classification & Procedures form DH list

504 Temp Store-Appt/ procedures information- location, alias, etc.

400 Medical Necessity

506 Eligibility/Ref Check

508 Appt Alias Referenced

510 Display after Medical Necessity - Appt Available location Screen - attached (A)

512 Appt Necessary

514 Display print Patient Info Sheet *see attached (A)

516 1

518 Wish to Book Appt

520 Display only Non-selected appt/ procedures

522 Restrict Appt/Search by Location

524 Location = Both

526 Select Multiple Appt(s) on same loc/day (default is Yes)

528 Select Date/time Range Attached (B)

530 View Available Appts - Bundled Appts/procedures

532 Display Appt(s) by loc/proc/date attached (C)

534 Select Date/time Range Attached (B)

536 View Available Appts - Un-Bundled Appts/procedures

538 Display Appt(s) by loc/proc/date attached (D)

540 Option - Appt Selected

542 All Appt(s) Scheduled

544 Wish to Change Search Criteria

546 Put Orders On Hold

548 Appt Booked In Meditech

550 Print Patient Information - attached (A)

552 2

554 Print Patient Information - attached (A)

556 Patient Calls Central Scheduling

558 Sign into OPSI ID and Select Patient

FIG. 5A

516

1

564
Patient Walks In

566
Sign into OPSI
ID and Select
Patient

552

2

560
Patient Presents

No

562
No Show

568
Appt Booked as
Today and Now

Yes

570
Appt Booked
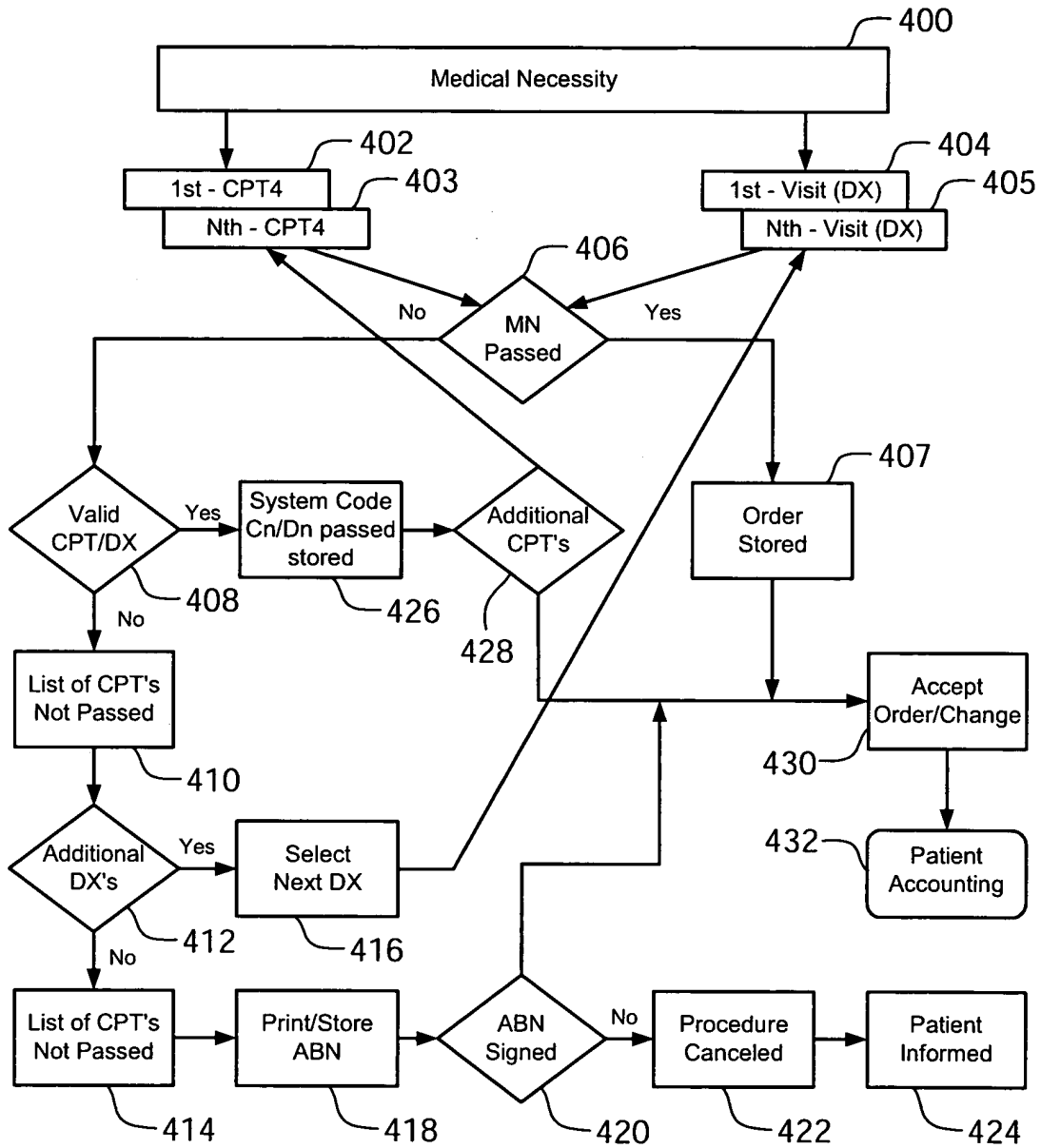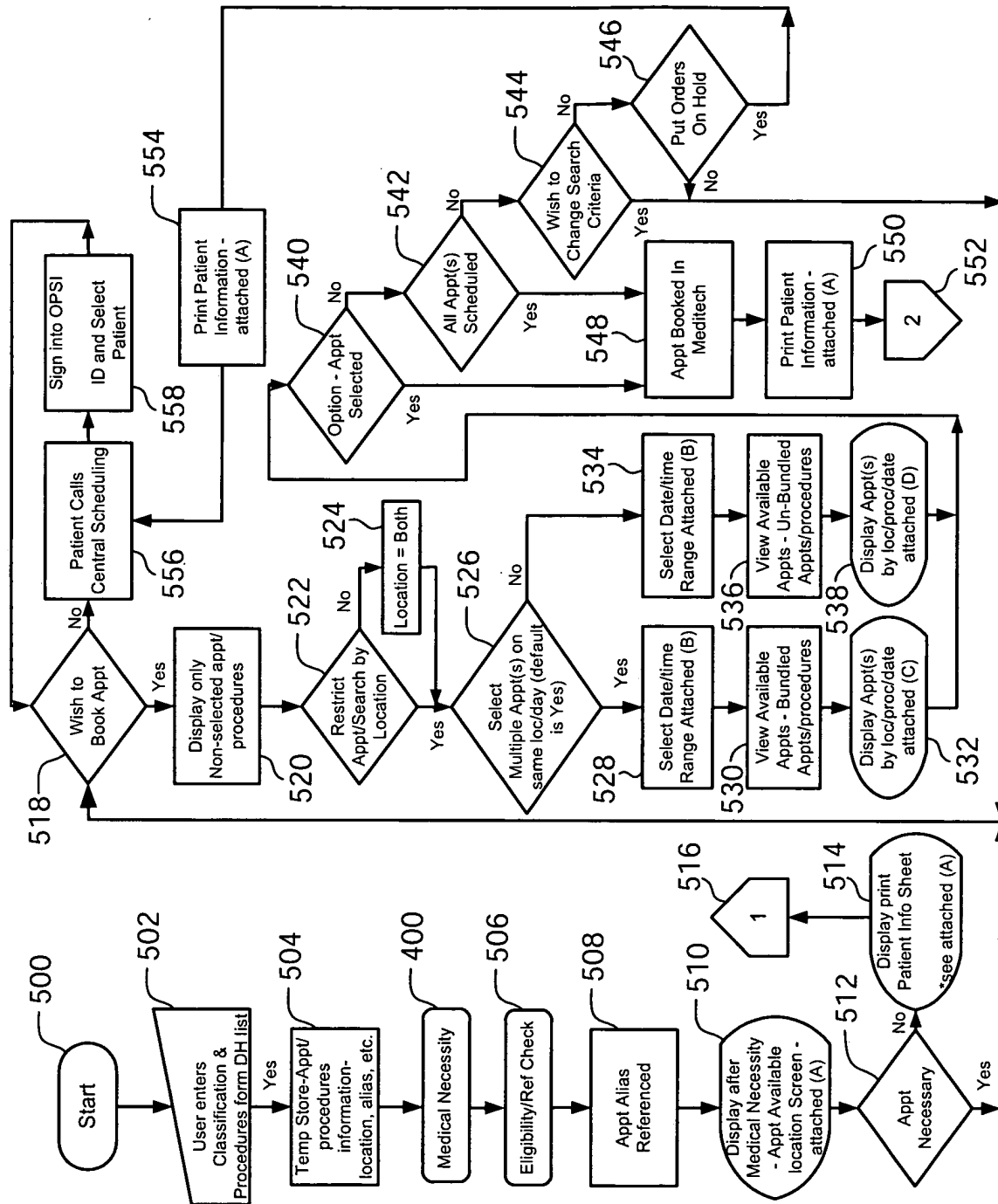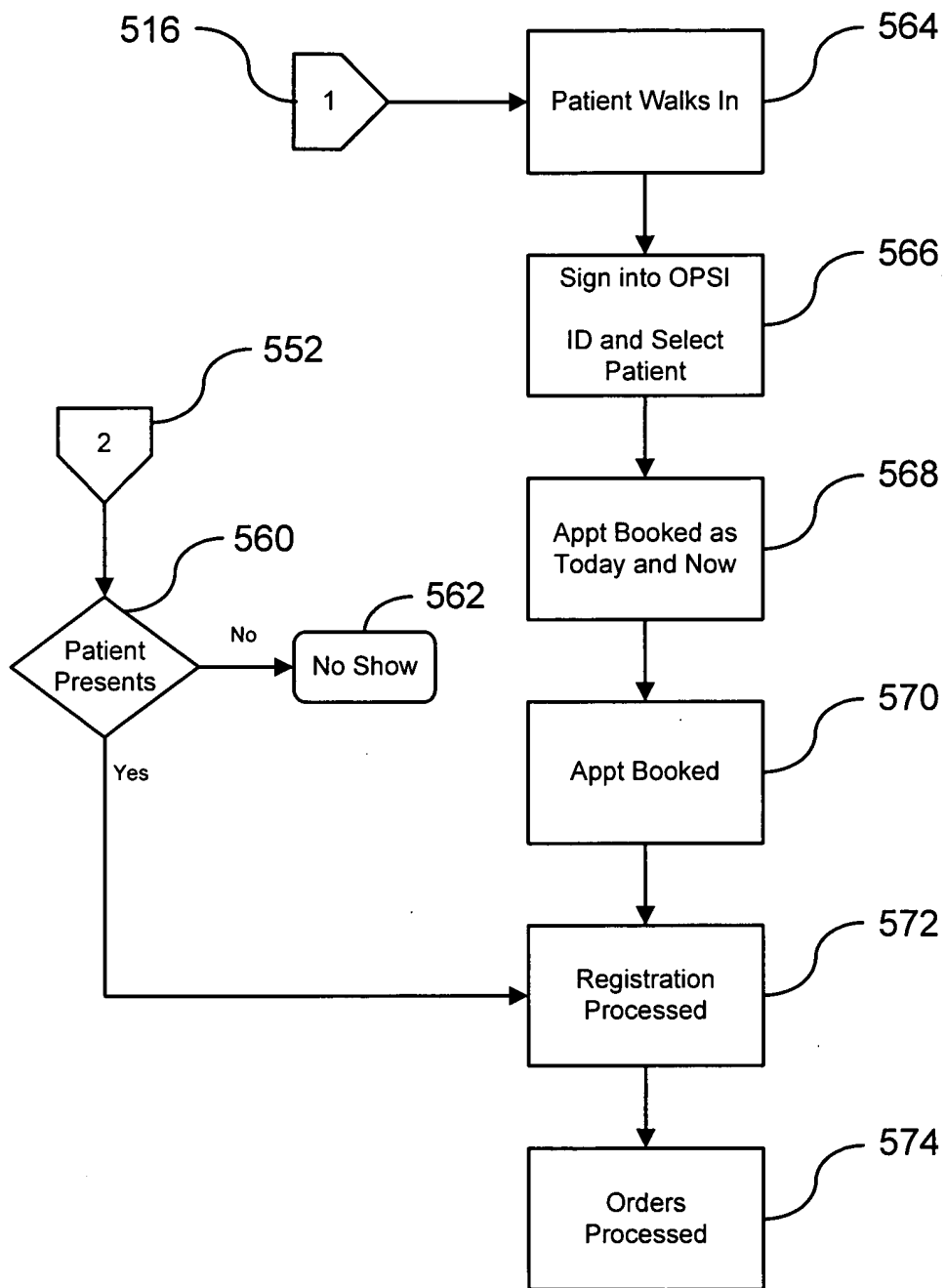
572
Registration
Processed

574
Orders
Processed

FIG. 5B

List OPSI CPT Crosswalk

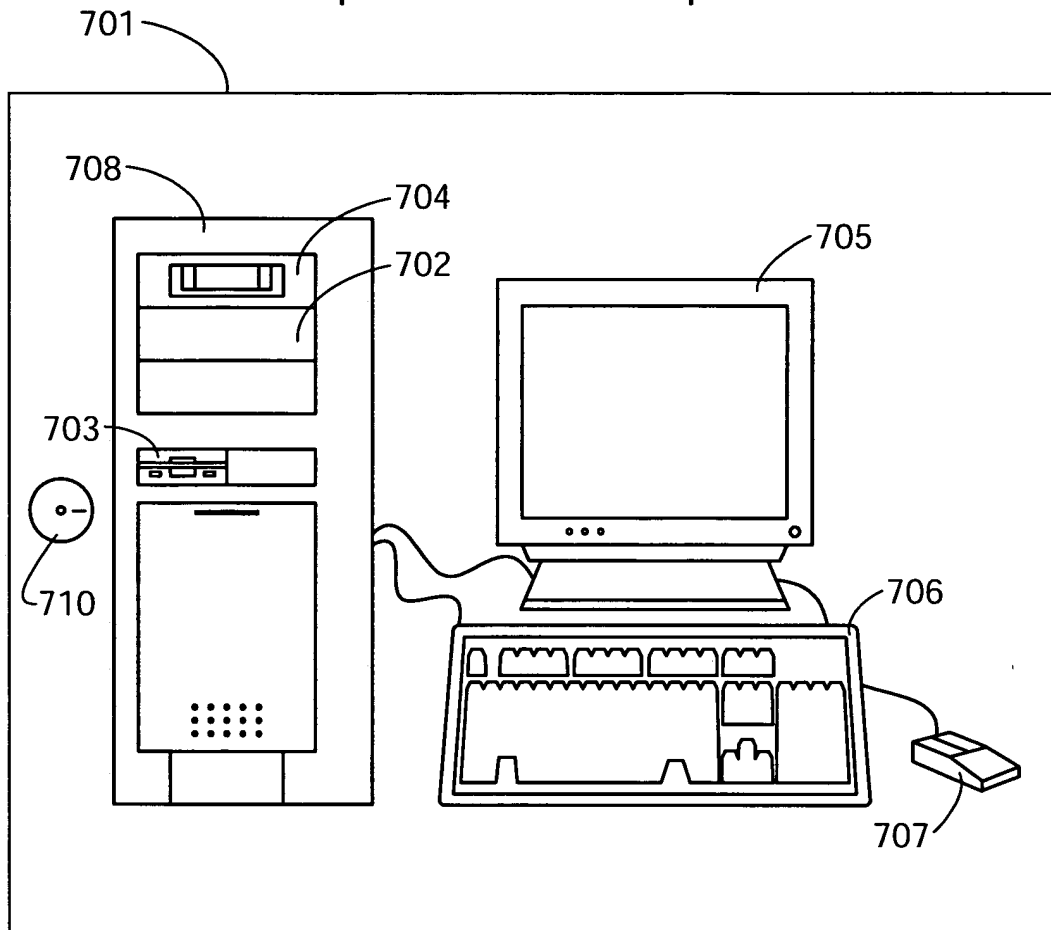| Class	Disp	Pend Appt	OE Category	Location	Provider Loc#	OE Procedure	Appt Type	Alias	Appt Req'd	CPT-4
Card	N	N	CARD	DH	1424	HMR			Y	93225
Card	N	N	CARD	DH	1424	SCANNING			Y	93226
Card	Y	N	CARD	DH	1424	ECHOWCON	CSECHO	CS ECHO	Y	A9700
CT	Y	N	HWCT	HW	1424	HWO	HW CTHWO	CT HEAD	Y	70450
CT	Y	N	HWCT	HW	1424	HWO	HW CTHWO	CT HEAD W	Y	70460
ECG	Y	N	ECG	DH	1424	ECG	CSECG	ECG	N	93005
ECG	N	N	ECG	HW	1424	RHYTHM			Y	93014
LAB	Y	N	MIC	HW	1424		HW LAB	LAB	N	87046

FIG. 6

Representative Computer

701

708

704

702

705

703

710

706

707

FIG. 7

Computer System Internal Diagram

850 — Keyboard   Mouse   ┌852

848 ┐ Display

858 — CPU   854 ┐ Interface

Display Interface ┌872

856

864 ┐ Disk Controller   860 ┐ ROM   862 ┐ RAM   874 ┐ Communication Ports

866 ┐ CD ROM   Hard Drive ┌868

870 Floppy Drive

FIG. 8